

NAME:.....STREAM:.....

553/2

BIOLOGY

Paper 2

2024

**KING SOLOMON'S COLLEGE – KYATEGA**

**UGANDA CERTIFICATE OF EDUCATION**

**E.O.T 1 EXAMINATIONS 2024**

**BIOLOGY**

**PRACTICAL**

**2hours 30 minutes**

**INSTRUCTIONS TO CANDIDATES:**

This paper consists of **two** examination items. Respond to **all** the items in the spaces provided.

Drawings should be made in the spaces provided. Use **sharp pencils** for your drawings. Colored pencils or crayons should not be used.

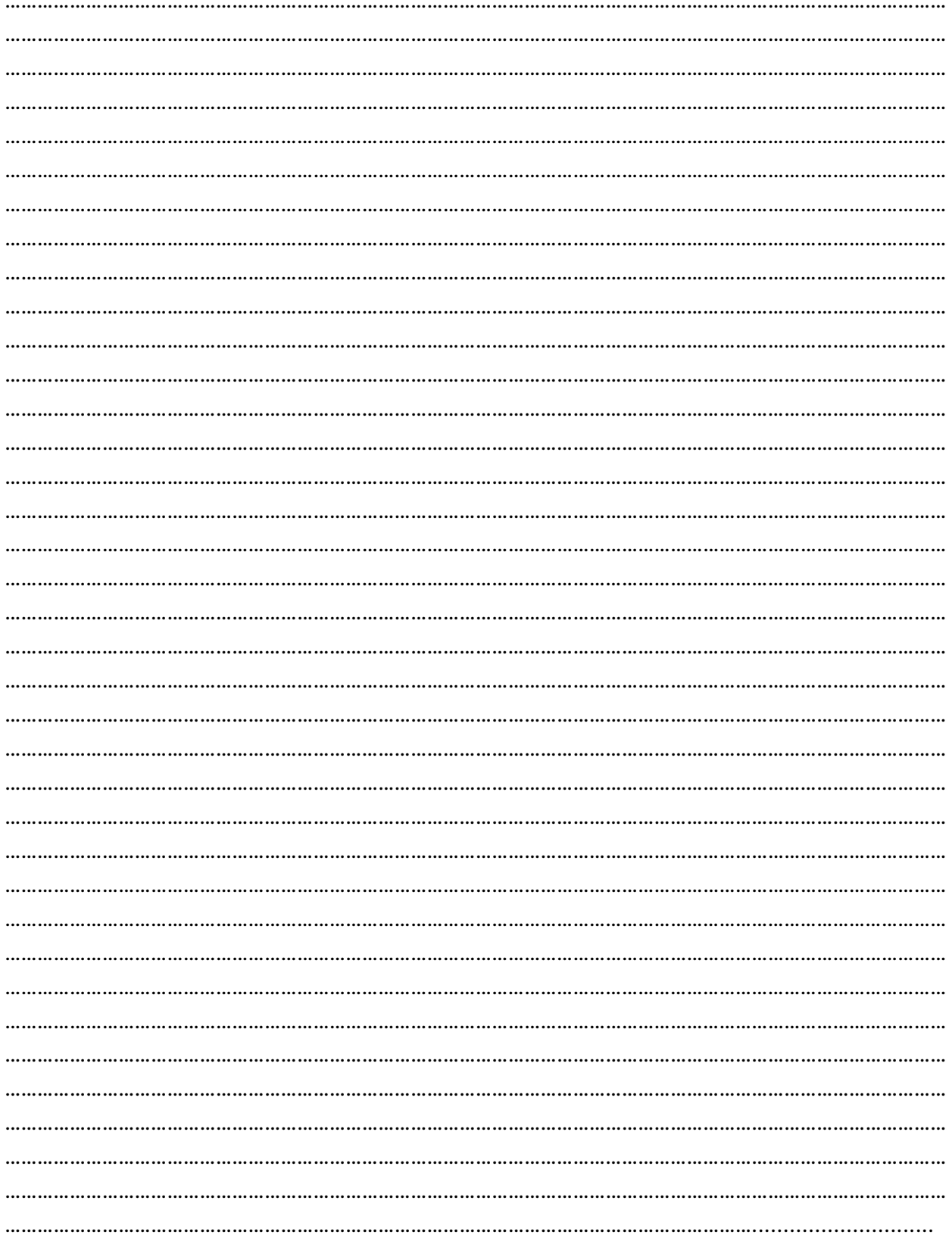
No additional sheets of writing paper should be attached.

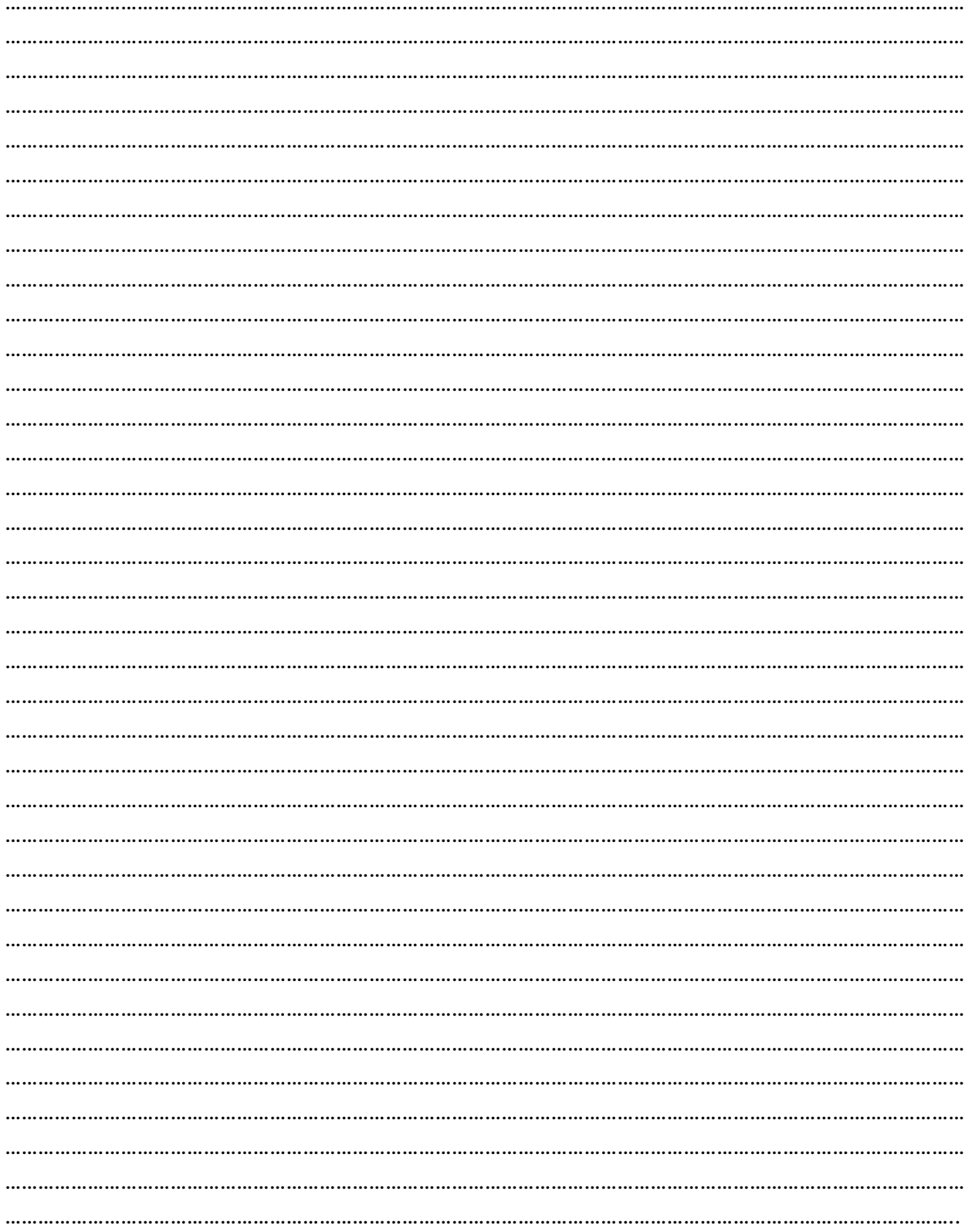
Work on additional sheets will **not** be scored.

**FOR OFFICIAL USE ONLY**

<b>SECTION</b>	<b>SCORE</b>	<b>EXAMINER'S INITIALS</b>
<b>A</b>		
<b>B</b>		
<b>TOTAL</b>		







**ITEM TWO.**

**SCENARIO:**

Mr. Tembo owns a cattle farm in Kyatega-Kyegegwa district. Recently he got complaints from his neighbors that his cattle were destroying their crops. Mr. Tembo got surprised because he had fenced his farm well using poles and barbed wires. He couldn't believe that his animals escaped. Mr. Tembo decided to move around his farm with his workers to find out the problem. They discovered that at one corner of the farm, some poles were down and others were hanging in space but held by barbed wires. While moving around the farm, Mr. Tembo and his workers collected different organisms which they failed to identify. One of the workers says all of them destroyed the fence, and another says not all but one of the organisms. They labeled the organisms J, K, L and M and presented them to you to help them. They also provided you with one of the poles that were damaged.

**TASK:**

(a)(i) By giving reasons, help Mr. Tembo and his workers understand the phylum to which the specimens belong.

**(04 scores)**

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(ii) Construct a dichotomous key for them to easily identify the specimens **(03 scores)**

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(c) Draw the head of the specimen and label the structure(s) that it used to cause the damage observed on the pole. **(06 scores)**

**END**

**ALWAYS BELIEVE, WORK HARD AND YOU WILL SUCCEED.**

**BIOLOGY DEPARTMENT – KSCK 2024**